



# NOVADURIT® H 111

NOVADURIT® H 111 is a medium-strength, one-component anaerobic resin intended to seal threads of hydraulic systems. It resists hydraulic liquids and high pressures. Maximum clearance 0.15 mm. Orange colour.



## USAGE

NOVADURIT® H 111 is used as a special sealant for threaded joints of tubing systems; it is able to resist high pressures and has an excellent sealing resistance to the majority of industrial and hydraulic liquids. It seals hydraulic and pneumatic distributions. It does not require high tightening torque. The product hardens without the access of air in the joint between metal surfaces to be joined, the manipulation time being 5-15 minutes (changes depending on temperature and surface). Hardening can be sped up by using NOVADURIT® AKTIVÁTOR. The parts assemblies can be easily dismantled using normal tools.

## BENEFITS

- For threaded joints
- Resists high hydraulic pressures
- Medium strength
- Maximum clearance 0.15 mm

## USER MANUAL

1. So as to obtain the best results, we recommend removing old sealants (e.g. using REMOVER® TAL) and degreasing the surfaces to be joined using TECHNOSOL®, which should be let dry well.
2. If the materials to be joined are inactive, or if hardening should be sped up, apply NOVADURIT® AKTIVÁTOR to all the surfaces and let dry well.
3. Shake the putty thoroughly before use.
4. To prevent clogging of the application jet, do not touch the activated surface with the jet during work.
5. Apply enough putty to the spot of the future joint, assemble parts and tighten as necessary.
6. The joint resists slight pressure immediately. Let harden duly (at least 24 hours) do as to obtain maximum strength and resistance to solvents.
7. The joint can be dismantled using common tools, or it can be heated locally up to 250 °C to make dismantling easier, and dismantled while hot.

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## TECHNICAL DATA

Chemical type	urethane methacrylate
Colour	orange
Corrosiveness	none
Ignition point	> 100 °C
Maximum joint	up to 0.15 mm
Medium viscosity	700 mPas
Range of temperatures	-55 °C to +150 °C
Pressure resistance	70 N/mm <sup>2</sup>
Manipulation time	5-15 min

## CONTENT

## STOCK NUMBER

Flask 50 g	550 700
Bottle 250 g	550 705
Can 1000 g	550 710

## RELATED PRODUCTS

REMOVER® TAL



TECHNOSOL®



NOVADURIT®  
AKTIVÁTOR



AIRSOL®



All products of NOVATO® spol. s.r.o., which are a chemical mixture or a dangerous chemical mixture, are properly classified, marked and equipped with safety data sheets in accordance with the Chemical Act and relevant regulations within the EU. All hazardous mixtures have a safety data sheet, which is freely available on our website [www.novato.cz](http://www.novato.cz), eventually at our sales representatives and in the sales department of the company. All users of NOVATO® products are legally required to familiarize themselves with the technical and safety data sheets of the product concerned to ensure proper use, storage and handling of the product. Our oral and written technical recommendations, which we transmit with the utmost knowledge, cannot cover all details and conditions of the application and do not exempt users from their own examinations and tests in relation to third party rights. Therefore, the user is obliged to perform tests and tests for individual applications in such a way as to eliminate all risks associated with the application of the chemical mixture, especially the hazardous chemical mixture, as these applications and their conditions are beyond our control possibilities. NOVATO® spol. s.r.o. guarantees the declared quality of its products and the properties described in the technical and safety data sheets.

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